

University of Iowa News Release

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Driving simulator seeks volunteers to participate in heavy truck study

The National Advanced Driving Simulator (NADS), a research and teaching unit of the University of Iowa College Of Engineering, today began to recruit drivers for a study investigating the effectiveness of Electronic Stability Control (ESC) in heavy trucks. This is the second in a series of NADS studies examining safety issues related to heavy trucks.

ESC is an active safety control system designed to help the driver maintain vehicle control under adverse driving conditions. A series of ESC studies has been performed at the NADS using various passenger vehicles. In light of recent results, this study is designed to estimate the extent to which heavy trucks may benefit from ESC systems.

The study involves recruiting more than 100 healthy participants, aged 22 to 55 years, with valid Commercial Drivers Licenses, Class A (CDL-A). Prospective drivers who would like to participate can learn more by visiting <http://www.drivingstudies.com> or by calling the NADS hotline number at 319-335-4719.

Located at the University of Iowa's Oakdale Research Park, NADS is the most sophisticated research-driving simulator in the world. Developed by the National Highway Traffic Safety Administration, it offers the highest fidelity, real-time driving simulation experience. The NADS mission is to conduct and support simulator-based research and motor vehicle systems research with the goal of enhancing the safety of U.S. highways and improving the safety and productivity of the vehicle-manufacturing sector. The NADS vision is to achieve these goals in collaboration with academia, government, and industry partners through the advancement of multi-disciplinary simulation science and technology.

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